

**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT : Ronald A. Katz )  
 SERIAL NO. : 07/803,264 ) Examiner:  
 FILED : December 3, 1991 ) Art Unit: 2601  
 FOR : TELEPHONIC-INTERFACE )  
 STATISTICAL ANALYSIS )  
 SYSTEM )  
 DOCKET NO. : 4646-101NB )

**SECOND SUPPLEMENTAL PRELIMINARY AMENDMENT**

March 4, 1992

707 Wilshire Blvd., Suite 3200  
Los Angeles, CA 90017

Commissioner of Patents  
and Trademarks  
Washington, D. C. 20231

Sir:

Prior to examination, please further amend as follows the above-identified patent application which is a divisional of Application Serial No. 07/640,337 filed on January 11, 1991:

**IN THE CLAIMS:**

Please amend Claims 29, 38, 55 and 59.

- 1 Sub E1 29. (Amended) An analysis control system for use  
 2 with a communication facility including remote terminals  
 3 [apparatus] for individual callers, wherein each of said  
 4 remote terminals [apparatus] may comprise a conventional

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5 telephone instrument including voice communication means and  
6 digital input means in the form of an array of alphabetic  
7 numeric buttons for providing data, said analysis control  
8 system comprising:

9 interface structure selectively coupled to said  
10 communication facility to interface said terminals [apparatus]  
11 for voice and digital communication and including means to  
12 provide signals representative of data developed by said  
13 terminals [apparatus];

14 voice generator structure selectively coupled  
15 through said interface structure to said terminals [apparatus]  
16 for providing vocal operating instructions to individual ones  
17 of said callers;

18 record memory means connected to said interface  
19 structure for initiating a file and storing data relating to  
20 certain select ones of said individual callers including data  
21 developed by said terminals [apparatus];

22 designation structure means selectively coupled to  
23 said interface structure and said record memory means for  
24 assigning individual designations to callers and storing said  
25 designations in said record structure; and

26 analysis structure connected to said record memory  
27 means for processing said data relating to certain select ones  
28 of said individual callers to isolate a subset of said  
29 callers.

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1 38. (Amended) An analysis control system for use  
2 with a communication facility including remote terminals  
3 [apparatus] for individual callers, wherein each of said  
4 remote terminals [apparatus] may comprise a conventional  
5 telephone instrument including voice communication means and  
6 digital input means in the form of an array of alphabetic  
7 numeric buttons for providing data, said analysis control  
8 system comprising:  
9 interface structure selectively coupled to said  
10 communication facility to interface said terminals [apparatus]  
11 for voice and digital communication and including means to  
12 provide signals representative of data developed by said  
13 terminals [apparatus];  
14 voice generator structure selectively coupled  
15 through said interface structure to said terminals [apparatus]  
16 for providing vocal operating instructions to individual ones  
17 of said callers;  
18 record memory means selectively connected to said  
19 interface structure for initiating a file and storing data  
20 relating to certain select ones of said individual callers  
21 including data developed by said terminals [apparatus];  
22 designation structure means selectively coupled to  
23 said interface structure and said record memory means for  
24 assigning individual designation data to substantially all  
25 callers and storing said designation data in said record

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26 structure;  
 27 analysis structure connected to said record memory  
 28 means for processing said data relating to certain select ones  
 29 of said individual callers to isolate a subset of said  
 30 callers; and  
 31 qualification structure for qualifying the operation  
 32 of said analysis structure under control of said signals  
 33 representative of data developed by said terminals  
 34 [apparatus].

1 55. An analysis control system for use with a  
 2 communication facility including remote terminals for  
 3 individual callers, wherein each of said remote terminals may  
 4 comprise a conventional telephone instrument including voice  
 5 communication means and digital input means in the form of an  
 6 array of alphabetic numeric buttons for providing data and  
 7 wherein said communication facility has a capability (ANI) to  
 8 provide terminal digital data, for example, indicating the  
 9 calling number, said analysis control system comprising:  
 10 interface structure coupled to said communication  
 11 facility to interface said terminals for voice and digital  
 12 communication and including means to provide caller data  
 13 signals representative of data relating to said callers  
 14 developed by said terminals and said terminal digital data  
 15 indicative of the calling number using said capability (ANI);  
 16 analysis structure for processing said caller data

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17 signals representative of data relating to said callers from  
18 said digital input means; and  
19 control structure for controlling said analysis  
20 structure in accordance with said terminal digital data.

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1 59. (Amended) An analysis control system for use  
2 with a communication facility including remote terminals for  
3 individual callers, wherein each of said remote terminals may  
4 comprise a conventional telephone instrument including voice  
5 communication means and digital input means in the form of an  
6 array of alphabetic numeric buttons for providing data, said  
7 analysis control system comprising:  
8 interface structure coupled to said communication  
9 facility to interface said terminals for voice and digital  
10 communication and including means to provide signals  
11 representative of data developed by said terminals;  
12 voice generator structure coupled through said  
13 interface structure for actuating said terminals as to provide  
14 vocal operating instructions to a specific one of said  
15 individual callers;  
16 record means, including memory and control means,  
17 connected to said interface structure for initiating a file  
18 and storing data relating to certain select ones of said  
19 individual callers; and  
20 designation means coupled to said interface  
21 structure and said record means for assigning individual

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22 designations to callers and storing said designations in said  
23 record means, said designation means including means for  
24 storing representations of the telephone number of each of the  
25 terminals used by said one of said callers and wherein said  
26 signals representative of data developed by said terminals  
27 include signals representative of a number designating a  
28 particular remote terminal apparatus and provided [directly]  
29 by said communication facility as a result of a call.

#### REMARKS

Claims 29 and 30 have been revised to be consistent with amendments to overcome the Examiner's rejections with respect to other claims. Claim 55 has been revised to define a further limitation and Claim 59 has been amended to delete the word "directly" which was inadvertently missed by an oversight. Applicant respectfully requests examination and allowance of Claims 29-60.

Respectfully submitted,  
NILSSON, WURST & GREEN  
*Reena Kuyper*  
Reena Kuyper  
Registration No. 33,830

Docket No. 4646-101NB  
(213) 243-8000

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TELEPHONIC-INTERFACE STATISTICAL  
ANALYSIS SYSTEM**

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*Reena Kuyper*

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